

Mary A. Akosile

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EDUCATION

M.S., Biostatistics	UTHealth School of Public Health, Houston, TX	12/2017
M.P.H, Epidemiology	UTHealth School of Public Health, Houston, TX	05/2016
B.A., Biology and Mathematics	Wesleyan College, Macon, GA	05/2014

PROFESSIONAL EXPERIENCE

Biostatistician I

01/2018–Present

Kaiser Permanente Washington Health Research Institute, Seattle, WA

- Collaborates with senior biostatisticians and healthcare professionals on at least 3 research projects
- Works proficiently with office productivity software (e.g., MS Office) and statistical packages (e.g., STATA, R, SAS)
- Participates in data management and documentation of recent updates on data reports
- Assists in formulating and editing statistical analysis plan
- Prepares descriptive statistics and performs statistical analyses on data from various research studies
- Presents statistical results of research at project team meetings
- Attend scientific and statistical related seminars, symposiums, and conferences

Research Assistant

02/2015–08/2017

Department of Leukemia, The University of Texas MD Anderson Cancer Center, Houston, TX

- Created and maintained databases, which includes using electronic medical records for data entry, updating, documentation and data query resolution with research staff
- Collected patient medical information and record patient medical history, past and current therapies, clinical responses, and survival information
- Reviewed medical records, conducted screenings for recruitment of study participants, and performed interviews to collect data and follow up on clinical responses to treatment, quality of life and other relevant clinical factors
- Collaborated with research faculty and trainees in consultation and specifications of statistical methods to be used for comprehensive and complex projects
- Designed and conducted statistical analyses, designed tables and graphs used to investigate project objectives using SAS, R, SPSS, and STATA software for research projects
- Contributed to manuscript submissions for scientific publication
- Participated in clinical rotations with clinicians and clinical research coordinators, and observe physician–patient communication relative to screening forms, informed consent forms, and efficacy and minimal risk of treatment
- Participated in institutional and departmental research seminars and grand rounds

Cancer Prevention Research Training Program (CPRTP) Fellow

06/2015–08/2015

The University of Texas MD Anderson Cancer Center, Houston, TX

National Cancer Institute Grant: NCI 5R25E CA056452-22

- Received training on data collection, data management, data analysis, career development, and cancer prevention, and participated with mentors at scheduled information interviews
- Collected patient data from a large retrospective cohort of chronic myeloid leukemia patients, including ongoing preparations with mentors to report project findings in a research article
- Completed research project and presented posters at MD Anderson Research Training Day and the 57th American Society of Hematology (ASH) Annual Meeting and Exposition, Orlando, FL
- Participated in writing abstract and designing posters for the presentations at MD Anderson Research Training Day and the 57th American Society of Hematology (ASH) Annual Meeting and Exposition, Orlando, FL

ABSTRACTS, PRESENTATIONS & PUBLICATIONS

1. Abdelall, W.*, Kantarjian, H, Devendra, K. C.*, **Akosile, M.**, Borthakur, G., Verstovsek, S., Daver, N., Pemmaraju, N., Naqvi, K., Garcia-Manero, G., Thompson, P., Ferrajoli, A., Ravandi, F., Konopleva, M., DiNardo, C., Jabbour, E., Cortes, J. (2017, August). *Outcome after discontinuation of second generation tyrosine kinase inhibitors (TKIs) used as frontline therapy for patients (pts) with chronic phase (CP) chronic myeloid leukemia*. Blood. 130(1), 5248. Retrieved from http://www.bloodjournal.org/content/130/Suppl_1/5248
2. **Akosile, M.**, Pierce, S., Brandt, M., Verstovsek, S., Borthakur, G., Kantarjian, H., Ravandi, F., Wierda W., Garcia-Manero, G., Daver, N., Kadia, T., Burger, J. A., Pemmaraju, N., Jabbour, E., Cortes, J. (2015). *Survival impact of patients (pts) with chronic myeloid leukemia (CML) due to failure from the use of one or more tyrosine kinase inhibitors (TKI)*. Blood. 126(23), 1587. Retrieved from <http://www.bloodjournal.org/content/126/23/1587>
3. Boddu, P., Garcia-Manero, G., Ravandi, F., Borthakur, G., Jabbour, E., DiNardo, C., Jain, N., Daver, N., Pemmaraju, N., Anderlini, P., Parmar, S., Devendra, KC., **Akosile, M.**, Pierce, S., Champlin, R., Cortes, J., Kantarjian, H., Kadia T. (2017, August). *Clinical outcomes in adult patients with aplastic anemia – a single institution experience*. American Journal of Hematology. 92, 1295-1302. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/ajh.24897/full>
4. Boddu P, Gurguis C., Cortes J., **Akosile M.**, Ravandi F., Sanford D., Brandt M., Rita Maduiké, Kadia T., Kantarjian H., Borthakur G. (2018, December). *Response kinetics and factors predicting survival among patients with core binding factor (CBF) acute myeloid leukemia (AML)*. Leukemia. 32(12), 2698-2701. Retrieved from <https://www.nature.com/articles/s41375-018-0158-1>
5. Chamoun, K., Kantarjian, H., **Akosile, M.**, Assi, R., Ravandi, F., Borthakur, G., Garcia-Manero, G., Kadia, T., Konopleva, M., Estrov, Z., DiNardo, C., Daver, N., Pemmaraju, N., Ferrajoli, A., Burger, J., Wierda, W., Jabbour, E., Cortes, J. (2017, August). *Long-term outcome of cml patients treated with second-generation tyrosine kinase inhibitors in the second line: A single center experience*. Blood. 130(1), 1594. Retrieved from http://www.bloodjournal.org/content/130/Suppl_1/1594
6. Khan, M., Kantarjian, H., **Akosile, M.**, Borthakur, G., Jain, N., DiNardo, C., Wierda, W., Ravandi, F., Garcia-Manero, G., Konopleva, M., Kadia, T., Pemmaraju, N., Thompson, P., Daver, N., Jabbour, E., Cortes, J. (2017, August). *Response and outcomes of third-line tyrosine kinase inhibitor therapy in patients with chronic phase chronic myeloid leukemia*. Blood. 130(1), 2882. Retrieved from http://www.bloodjournal.org/content/130/Suppl_1/2882
7. Yilmaz, M.*, Devendra, K. C.*, **Akosile, M.**, Khoury, J., Short, N. J., Cortes, J., Garcia-Manero, G., Ravandi, F., Kadia, T., Sasaki, K., Konopleva, M., Wierda, W., Jain, N., Verstovsek, S., Estrov, Z., Pierce, S., Garris, R., O'Brien, S., Jabbour, E., Kantarjian, H. (2017, August). *The prognostic significance of translocation (1;19) in adult patients (pts) with B-cell acute lymphoblastic leukemia*. Blood. 130(1), 2712. Retrieved from http://www.bloodjournal.org/content/130/Suppl_1/2712
8. Yu, L., Tu, M., Cortes, J., Xu-Monette, Z. Y., Miranda, R. N., Zhang, J., Orlowski, R. Z., Neelapu, S., Boddu, P. C., **Akosile, M.**, Uldrick, T. S., Yarchoan, R., Medeiros, L. J., Li, Y., Fajgenbaum, D. C., Young, K. H. (2017, January). *Clinical and pathological characteristics of HIV- and HHV-8-negative castleman disease*. Blood. 129(12), 1658-1668. Retrieved from <http://www.bloodjournal.org/content/129/12/1658>

CONFERENCES

American Public Health Association Annual Meeting and Expo, San Diego, CA	11/10/2018–11/12/2018
3rd Seattle Symposium on Health Care Data Analytics, Seattle, WA	10/23/2018–10/24/2018
Joint Statistical Meeting, Vancouver, Canada	07/13/2018–07/17/2018
18th Annual John Goldman Conference on CML: Biology & Therapy, Houston, TX	09/16/2016–09/18/2016
57th American Society of Hematology (ASH) Annual Meeting and Exposition, Orlando, FL	12/05/2015–12/07/2015
3rd Annual Meeting of the Society of Hematologic Oncology (SOHO), Houston, TX	09/16/2015–09/19/2015

PROFESSIONAL MEMBERSHIPS

American Statistical Association (ASA)	2017–Present
American Public Health Association (APHA)	2017–Present
American Society of Hematology (ASH)	2015–Present
Student Epidemic Intelligence Society (SEIS)	2014–Present

TRAINING

- Joint Statistical Meeting CE Course *Joint Modeling of Longitudinal and Time-to-Event Data* (2018)
- 3rd Seattle Symposium on Health Care Data Analytics Short Courses *Targeting learning for data adaptive causal inference in observational and randomized studies* (2018)

VOLUNTEER/COMMUNITY SERVICE

HomeStart Help Us Help Them Volunteer

11/2018

Location: American Public Health Association Annual Meeting and Expo, San Diego, CA

- Worked with HomeStart employees and other volunteers in creating artwork for families dealing with child abuse

Seattle King County Clinic Volunteer

09/2018

Location: Key Arena, Seattle, WA

- Escorted patients from check-in stations to medical room(s) as indicated in their folder
- Assisted with identifying language speaking volunteers to help patients communicate their concerns
- Helped patients with questions related to navigation around the clinic

Harris County Public Health (HCPH) Volunteer

08/2017–12/2017

Location: FEMA Semi Offload, Houston, TX (Response: Hurricane Harvey, Houston, TX)

- Worked with other volunteers in the unloading, sorting, packing, storing, loading donated goods
- Selected and organized donations for onward distribution to affected residents

Location: NRG Stadium, Houston, TX (Response: Hurricane Harvey)

- Applied epidemiological principles and surveillance methodologies in interviewing affected sheltered residents
- Recorded and report all changes in residents' health status to HCPH officials for further investigation, if applicable
- Attended and contribute to post interview debrief meetings related to infectious disease prevention

Food Outreach Volunteer

07/2016–12/2017

Location: Dominion Chapel Houston, Houston, TX (Sponsor: Houston Food Bank, Houston, TX)

- Sorted, organized, and filled food bags for food donations
- Filled and carried food bags to customers' vehicles

OTHER CERTIFICATIONS

- Community Emergency Response Team (CERT) Certification 10/2017
- Collaborative Institutional Training Initiative (CITI) Certification 09/2014